



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

DAVID P. LITTELL
COMMISSIONER

National Starch LLC
Aroostook County
Island Falls, Maine
A-274-71-M-M (SM)

Departmental
Findings of Fact and Order
Air Emission License
Amendment #1

After review of the air emissions license minor revision application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., §344 and §590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

1. National Starch LLC of Island Falls, Maine was issued Air Emission License A-274-71-L-R on May 26, 2006, permitting the operation of emission sources associated with their Island Falls Maine facility.
2. National Starch has requested a minor revision to their license to add a packing line dust collector. The current Cold Water Swelling (CWS) packing line is being upgraded to a new line with dust control.

B. Emission Equipment

The following equipment is addressed in this air emission license:

Process Equipment

<u>Equipment</u>	<u>Production Rate</u>	<u>Pollution Control Equipment</u>	<u>Stack #</u>
CWS Packing line	400 dscf/m	Baghouse	12

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 760-3143

C. Application Classification

This amendment will increase emissions by less than 4 ton/year for each single pollutant and less than 8 ton/year for all pollutants combined. Therefore, this modification is determined to be a minor revision and has been processed as such.

II. MINOR REVISION DESCRIPTION

National Starch is upgrading the Cold Water Swelling (CWS) bag packer to a new unit and adding a fugitive dust collector. The existing packer does not have a dust collector which makes it necessary for operators to wear dust masks and causes a housekeeping issue. BACT analysis demonstrates the proposed baghouse is the best control technology.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Minor Revision A-274-71-M-M subject to the conditions found in Air Emission License A-274-71-L-R (SM), and the following new conditions:

- (29) National Starch may replace the existing cold water swelling bag packer with a new unit, and shall add a fugitive dust collector.

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- (30) To document maintenance of the baghouse, the licensee shall keep a maintenance log recording the date and location of all bag failures as well as all routine maintenance. The maintenance log shall be kept on-site at the baghouse location. [06-096 CMR 115, BPT]

Visible emissions from the process vent controlled by the baghouse shall not exceed 5% opacity on a 6 minute block average basis. National Starch shall take corrective action if visible emissions from the baghouse exceed 5% opacity. [06-096 CMR 101]

DONE AND DATED IN AUGUSTA, MAINE THIS 16th DAY OF October, 2008.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: James P. Brooks
DAVID P. LITTLE, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-274-71-L-R (SM).

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 8/18/08

Date of application acceptance: 9/5/08

Date filed with the Board of Environmental Protection: _____

This Order prepared by N. Lynn Cornfield, Bureau of Air Quality.



